

PIXEL LAYOUT FOR CMOS IMAGE SENSOR

ABSTRACT OF THE DISCLOSURE

A novel CMOS image unit pixel layout having a photodiode including an optically optimized square image sensing region. The square image sensing layout provides for reduced electrical and color crosstalk and improved modulation transfer function (MTF) between neighboring pixels of an array of pixels.

SF 1035450 v1

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如上所述，我們在研究中發現，當我們在一個問題上遇到困難時，我們會尋找一個與問題相關的知識點，並在這個知識點上尋找一個與問題相關的知識點，以此類推，直到我們找到一個能夠解決問題的知識點。